CRF Errors Corrected by th STIC System Branch

Serial Number: 09/787,986A ~~ENTERED~~

320 OIPE

CRF Processing Date: 5/2/2002
Edited by: _____
Verified by: _____ AC _____ (STIC staff) #13

- [ ] Changed a file from non-ASCII to ASCII.

- [ ] Changed the margins in cases where the sequence text was "wrapped" down to the next line.

- [ ] Edited a format error in the Current Application Data section, specifically: _____

- [ ] Edited the Current Application Data section with the actual current number. The number inputted by the applicant was [ ] the prior application data; or [ ] other _____.

- [ ] Added the mandatory heading and subheadings for "Current Application Data".

- [ ] Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

- [ ] Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____

- [ ] Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____

- [ ] Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____

- [ ] Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

- [ ] Inserted colons after headings/subheadings. Headings edited included: _____

- [ ] Deleted extra, invalid, headings used by an applicant, specifically: _____

- [x] Deleted: [x] non-ASCII "garbage" at the beginning/end of files; [ ] secretary initials/filename at end of file; [ ] page numbers throughout text; [ ] other invalid text, such as_____ .

- [ ] Inserted mandatory headings, specifically: _____

- [ ] Corrected an obvious error in the response, specifically: _____

- [ ] Edited identifiers where upper case is used but lower case is required, or vice versa.

- [ ] Corrected an error in the Number of Sequences field, specifically: _____

- [ ] A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

- [ ] Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

- [ ] Other:
_____
_____
_____
_____

*Examiner: Th abov corr ctions must b communicated to th applicant in th first Office Action. DO NOT send a copy of this form.

3/1/95

OIPE

RAW SEQUENCE LISTING   DATE: 05/02/2002
PATENT APPLICATION: US/09/787,986A   TIME: 11:22:43

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\05022002\I787986A.raw

```
   3 <110> APPLICANT: Lewis, Richard J.
   4        Alewood, Paul F.
   5        Sharpe, Iain A.
   7 <120> TITLE OF INVENTION: NOVEL PEPTIDES
   9 <130> FILE REFERENCE: Davies Collison Cave
  11 <140> CURRENT APPLICATION NUMBER: 09/787,986A
C--> 12 <141> CURRENT FILING DATE: 2001-03-23
  14 <160> NUMBER OF SEQ ID NOS: 9
  16 <170> SOFTWARE: PatentIn Ver. 2.1
  18 <210> SEQ ID NO: 1
  19 <211> LENGTH: 13
  20 <212> TYPE: PRT
  21 <213> ORGANISM: Conus marmoreus
  23 <220> FEATURE:
  24 <221> NAME/KEY: PEPTIDE
  25 <222> LOCATION: (12)
  26 <223> OTHER INFORMATION: Xaa at position 12 is 4-hydroxy proline
  28 <400> SEQUENCE: 1
  29 Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
  30   1               5                  10
  33 <210> SEQ ID NO: 2
  34 <211> LENGTH: 13
  35 <212> TYPE: PRT
  36 <213> ORGANISM: Conus marmoreus
  38 <220> FEATURE:
  39 <221> NAME/KEY: PEPTIDE
  40 <222> LOCATION: (12)
  41 <223> OTHER INFORMATION: Xaa at position 12 is 4-hydroxy proline
  43 <400> SEQUENCE: 2
  44 Val Gly Val Cys Cys Gly Tyr Lys Leu Cys His Xaa Cys
  45   1               5                  10
  48 <210> SEQ ID NO: 3
  49 <211> LENGTH: 13
  50 <212> TYPE: PRT
  52 <213> ORGANISM: Conus marmoreus
  54 <400> SEQUENCE: 3
  55 Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys His Pro Cys
  56   1               5                  10
  59 <210> SEQ ID NO: 4
  60 <211> LENGTH: 20
  61 <212> TYPE: DNA
  62 <213> ORGANISM: Artificial Sequence
  64 <220> FEATURE:
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RAW SEQUENCE LISTING   DATE: 05/02/2002
PATENT APPLICATION: US/09/787,986A   TIME: 11:22:43

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\05022002\I787986A.raw

```
65 <223> OTHER INFORMATION: Description of Artificial Sequence:
66       Oligonucleotide probe
68 <220> FEATURE:
69 <221> NAME/KEY: unsure
70 <222> LOCATION: (3)
71 <223> OTHER INFORMATION: n=a/c/g/t
73 <220> FEATURE:
74 <221> NAME/KEY: unsure
75 <222> LOCATION: (6)
76 <223> OTHER INFORMATION: r=a/g
78 <220> FEATURE:
79 <221> NAME/KEY: unsure
80 <222> LOCATION: (9)
81 <223> OTHER INFORMATION: r=a/g
84 <220> FEATURE:
85 <221> NAME/KEY: unsure
86 <222> LOCATION: (12)
87 <223> OTHER INFORMATION: n=a/c/g/t
90 <220> FEATURE:
91 <221> NAME/KEY: unsure
92 <222> LOCATION: (14)
93 <223> OTHER INFORMATION: r=a/g
97 <220> FEATURE:
98 <221> NAME/KEY: unsure
99 <222> LOCATION: (15)
100 <223> OTHER INFORMATION: y=c/t
102 <220> FEATURE:
103 <221> NAME/KEY: unsure
104 <222> LOCATION: (18)
105 <223> OTHER INFORMATION: r=a/g
107 <400> SEQUENCE: 4
108 canggrtgrc anaryttrta                                   20
111 <210> SEQ ID NO: 5
112 <211> LENGTH: 27
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Description of Artificial Sequence:
118       Oligonucleotide probe
120 <400> SEQUENCE: 5
121 ccatcctaat acgactcact atagggc                           27
124 <210> SEQ ID NO: 6
125 <211> LENGTH: 23
126 <212> TYPE: DNA
127 <213> ORGANISM: Artificial Sequence
129 <220> FEATURE:
130 <223> OTHER INFORMATION: Description of Artificial Sequence:
131       Oligonucleotide probe
133 <400> SEQUENCE: 6
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134 acaggcagaa tgcgctgtct ccc   23
137 <210> SEQ ID NO: 7
138 <211> LENGTH: 28
140 <212> TYPE: DNA
141 <213> ORGANISM: Artificial Sequence
143 <220> FEATURE:
144 <223> OTHER INFORMATION: Description of Artificial Sequence:
145   Oligonucleotide probe
147 <400> SEQUENCE: 7
148 aactggaaga attcgcggcc gcaggaat   28
151 <210> SEQ ID NO: 8
152 <211> LENGTH: 186
153 <212> TYPE: DNA
154 <213> ORGANISM: Conus marmoreus
156 <400> SEQUENCE: 8
157 atgcgctgtc tcccagtctt gatcattctt ctgctgctga ctgcatctgc acctggcgtt 60
158 gttgtcctac cgaagaccga agatgatgtg cccatgtcat ctgtctactg taatggaaag 120
159 agtatcctac gaggaattct gaggaacggt gtgtgctgtg gctataagtt gtgccatcca 180
160 tgttaa   186
163 <210> SEQ ID NO: 9
164 <211> LENGTH: 61
165 <212> TYPE: PRT
166 <213> ORGANISM: Conus marmoreus
168 <400> SEQUENCE: 9
169 Met Arg Cys Leu Pro Val Leu Ile Ile Leu Leu Leu Leu Thr Ala Ser
170   1   5   10   15
172 Ala Pro Gly Val Val Val Leu Pro Lys Thr Glu Asp Asp Val Pro Met
173   20   25   30
175 Ser Ser Val Tyr Cys Asn Gly Lys Ser Ile Leu Arg Gly Ile Leu Arg
176   35   40   45
178 Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys His Pro Cys
179   50   55   60

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 05/02/2002
PATENT APPLICATION: US/09/787,986A   TIME: 11:22:44

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\05022002\I787986A.raw

<u>Please Note:</u>
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 12
Seq#:2; Xaa Pos. 12
Seq#:4; N Pos. 3,12

OIPE

RAW SEQUENCE LISTING   DATE: 04/29/2002
PATENT APPLICATION: US/09/787,986A   TIME: 15:04:59

Input Set : **A:\14438.txt**
Output Set: **N:\CRF3\04292002\I787986A.raw**

```
     3 <110> APPLICANT: Lewis, Richard J.
     4         Alewood, Paul F.
     5         Sharpe, Iain A.
     7 <120> TITLE OF INVENTION: NOVEL PEPTIDES
     9 <130> FILE REFERENCE: Davies Collison Cave
    11 <140> CURRENT APPLICATION NUMBER: 09/787,986A
C--> 12 <141> CURRENT FILING DATE: 2001-03-23
    14 <160> NUMBER OF SEQ ID NOS: 9
    16 <170> SOFTWARE: PatentIn Ver. 2.1
```

**Does Not Comply
Corrected Diskette Needed**

ERRORED SEQUENCES

```
   163 <210> SEQ ID NO: 9
   164 <211> LENGTH: 61
   165 <212> TYPE: PRT
   166 <213> ORGANISM: Conus marmoreus
   168 <400> SEQUENCE: 9
   169 Met Arg Cys Leu Pro Val Leu Ile Ile Leu Leu Leu Leu Thr Ala Ser
   170  1               5                  10                 15
   172 Ala Pro Gly Val Val Val Leu Pro Lys Thr Glu Asp Asp Val Pro Met
   173              20                  25                 30
   175 Ser Ser Val Tyr Cys Asn Gly Lys Ser Ile Leu Arg Gly Ile Leu Arg
   176              35                  40                 45
   178 Asn Gly Val Cys Cys Gly Tyr Lys Leu Cys His Pro Cys
   179          50                  55                 60
E--> 184 (3)
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VERIFICATION SUMMARY   DATE: 04/29/2002
PATENT APPLICATION: US/09/787,986A   TIME: 15:05:00

Input Set : **A:\14438.txt**
Output Set: **N:\CRF3\04292002\I787986A.raw**

```
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:29 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:44 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:184 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:9
```